

19970817.qrp v00_n821.qrs.970817

>From ???@??? Sun Aug 17 20:15:03 1997
Date: Sun, 17 Aug 1997 19:03:13 EDT
Subject: QRP-L digest 821
Message-Id: <97Aug17.190356edt.35173-61876+146@fidoii.cc.Lehigh.EDU>

QRP-L Digest 821

Topics covered in this issue include:

- 1) [24987] FS
by Bob Hightower <ki7mn@dancris.com>
- 2) [24988] Silver Plating
by "W.G. Sallee" <k6two@pacbell.net>
- 3) [24989] Re: Extra at last!
by DavidE70@aol.com
- 4) [24990] UPGRADE
by k4wz@juno.com (RON L TODD)
- 5) [24991] Making PC Boards
by Greg Newberry <newberry@cyberhighway.net>
- 6) [24992] Cap Meter
by Greg Newberry <newberry@cyberhighway.net>
- 7) [24993] Re: Silver Plating
by SEAB&SHARON LYON <SSLYON@worldnet.att.net>
- 8) [24994] CENTRAL TEXAS QRP GROUP MEETING
by Glen Reid <k5hgb@flash.net>
- 9) [24995] FS:Ten Tec 509
by Lee <jcs4us@cosmoaccess.net>
- 10) [24996] FS: Ten TEC 208A
by Lee <jcs4us@cosmoaccess.net>
- 11) [24997] W3DZZ Antenna?????
by Scott Bauer <ke3nv@erols.com>
- 12) [24998] Re: BUBBA Sprint Prize List!
by Bill Todd <bill@techline.com>
- 13) [24999] FS:Norcal 38-S unbuilt
by Lee <jcs4us@cosmoaccess.net>
- 14) [25000] 38 special TiCK mods
by Greg Newberry <newberry@cyberhighway.net>
- 15) [25001] F/S Solid State Design
by MNHopkins@aol.com
- 16) [25002] Re: BUBBA Sprint Prize List!
by Bob Patten <n4bp@shadow.net>
- 17) [25003] QRP Afield - theme?
by TonyDrumm@ibm.net (Tony Drumm)
- 18) [25004] FS The HW-8 Handbook
by NT1R@aol.com
- 19) [25005] [v31xe@dzn.com: w3dzz]

- by af852@rgfn.epcc.Edu (William R Colbert)
- 20) [25006] Re: CW Procedures: Listen for what NOT to do.
by NilsBull@aol.com
- 21) [25007] RE: FS
by Bob Hightower <ki7mn@dancris.com>
- 22) [25008] Re: BUBBA Sprint Prize List!
by Joe Gervais <vole@primenet.com>
- 23) [25009] southbend sd-20
by terres@juno.com (ANNE E TERRES)
- 24) [25010] Information Search Methods
by n4so@juno.com (charles k brown)
- 25) [25011] RE: southbend sd-20
by pthomson@bruderhof.com
- 26) [25012] Ten Tec-T KITS
by n1tgz@juno.com (Gregory P Fox)
- 27) [25013] Re: BUBBA Sprint Prize List!
by Chris Cartwright <ccart@dns.vidtel.com>
- 28) [25014] Voltage Booster from QST
by n4so@juno.com (charles k brown)
- 29) [25015] Arkansas QRP Club Free membership and email newsletter
by jim hale <kj5tff@mctc.com>
- 30) [25016] Re: BUBBA Sprint Prize List!
by Joe Gervais <vole@primenet.com>
- 31) [25017] Ten Tec 1340- 73 Amateur Radio
by n4so@juno.com (charles k brown)
- 32) [25018] HW- 8 HANDBOOK SOLD
by NT1R@aol.com
- 33) [25019] "Real" 9-volt nicads
by Chris Cartwright <ccart@dns.vidtel.com>
- 34) [25020] Az. scQRPion's Bubba (Aug. 31) & NE QRP AField (Sept. 20)
by wa5whn@juno.com
- 35) [25021] re: southbend sd-20
by DavidE70@aol.com
- 36) [25022] WTB: Wilderness SST 40m xcvr
by Joel Malman <malman@BBN.COM>
- 37) [25023] Re: Making PC Boards (really long)
by Steven Weber <kd1jv@moose.ncia.net>
- 38) [25024] Re: W3DZZ Antenna?????
by K5BDZ@aol.com
- 39) [25025] Re: "the Milliwatt"copies FS
by K5BDZ@aol.com
- 40) [25026] Re: FS TenTec items
by K5BDZ@aol.com
- 41) [25027] Re: FS Tentec list
by K5BDZ@aol.com
- 42) [25028] Baby,Internet,P3D,& 73
by David Giles <vk5anb@dove.net.au>
- 43) [25029] Re: Cap Meter

by ruswhite@netzone.com (Russell W. White)
44) [25030] Re: W3DZZ Antenna?????
by wb2vuo@juno.com (William K Hibbert)
45) [25031] Roanoke QRP Forum
by "Rick McNelly, KE4IZH" <72507.235@CompuServe.COM>

Date: Sat, 16 Aug 1997 16:27:58 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: qrp-l@Lehigh.EDU, azqrp@user1.dancris.com
Subject: [24987] FS
Message-ID: <199708162327.QAA20223@dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've got some stuff to sell to make room for another project:

1. NorCal 40 partial kit (board, case, varactor)...\$25.00 + postage
2. Wilderness KC-1 Keyer Kit...\$45.00 + postage
3. NorCal 40A assembled, works fine, no markings on front panel. \$100.00 + postage
4. NorCal 40A assembled with KC-1. Has 10 turn pot. Works fine, has Wilderness front panel. \$150.00 + postage
5. Rainbow tuner kit...\$25.00 + postage

Since this is a weekend, these will go to the first respondents. Please e-mail direct.

Items will be sent Priority mail, so postage should be between \$4.00-\$6.00. If local to the Phoenix area, can make arrangements to deliver or pick-up.

73,
Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP ARCI #8918, AK QRP #30, not in any order of importance.

<http://www.dancris.com/~ki7mn>
WIMPS: QS0's=18 30=18 17=0 12=0 States=15/0/0 DX=0/0/0 QSL's=5

Date: Sat, 16 Aug 1997 15:45:40 -0700
From: "W.G. Sallee" <k6two@pacbell.net>
To: QRP-L@Lehigh.EDU
Subject: [24988] Silver Plating
Message-ID: <33F62D94.3D14@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Help?!

I want to silver plate some copper strips (22ga) I have a pure silver medallion, what chemicals do I use. I know that it requires 1 1/2 volts of DC via a solution of ????. Where do I get this solution of ?? Thanks Gang.. This is an excellent forum.
Bill K6TWO

Date: Sat, 16 Aug 1997 20:09:06 -0400 (EDT)
From: DavidE70@aol.com
To: qrp-l@Lehigh.EDU
Subject: [24989] Re: Extra at last!
Message-ID: <970816200905_1057480036@emout10.mail.aol.com>

I had a similar experience a week ago with the 20 wpm test. I had gone to the session with the intent to pass the 13 wpm test and upgrade to General but, at the urging of the VE's, tried the 20 just for experience. Now, there's no way on earth I could conduct a QSO at 20 wpm (13 would have been stretching it), but I managed to copy enough key pieces during the test to answer enough questions to pass (boy, was I surprised). My copy was far from solid, but combined with the fill-in-the-blank format of the test, I was able to drag the answers out of my copy even when it was incomplete.

My case was probably extreme, but this just goes to show the value in Jim's suggestions. BTW, way to go, Jim! I'm sure your success was due to skill, not mostly luck like mine (I'm embarrassed but happy to accept luck anytime, however).

Dave KB0YSN

>Just to pass along a tip to those who are contemplating this code test:
>the second time around, I just copied the QSO in my head, much as we do
>on the air, and forgot about the solid copy. I got behind the first time,
>and never recovered. Jot down key items, like callsigns, QTH, weather,
>rig, antenna (with height and support structure), accomplishments (37
>countries in two months as a ham) and the like. It made a world of
>difference!

>

>72 de Jim - KF6CR (soon to be AD6??)

Date: Sat, 16 Aug 1997 19:25:37 edt
From: k4wz@juno.com (RON L TODD)
To: qrp-1@Lehigh.EDU
Subject: [24990] UPGRADE
Message-ID: <19970816.192540.4495.11.K4WZ@juno.com>

My twin boys (age 12) working on upgradeing..
Matt passed the Extra written this AM, he had the 20 wpm last week.
Mike passed the 20 WPM this AM and is now working on the written.
Matt is active on 14.058 KF4LUG
PROUD DAD
73 RON

Date: Sat, 16 Aug 1997 19:38:49 -0600
From: Greg Newberry <newberry@cyberhighway.net>
To: QRP-L <qrp-1@Lehigh.EDU>
Subject: [24991] Making PC Boards
Message-ID: <33F65629.4421@cyberhighway.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,
There are several little items I want to make and the pc layout is in a magazine. I know there are ways to photocopy onto a clear sheet and iron on then etch. Can you tell me the best methods to use to do this?

Thanks

--

| Greg Newberry newberry@cyberhighway.net |
| WB7DUO QRP-L #760 |
NorCal #1899

Date: Sat, 16 Aug 1997 19:41:21 -0600

From: Greg Newberry <newberry@cyberhighway.net>
To: QRP-L Group <qrp-l@Lehigh.EDU>
Subject: [24992] Cap Meter
Message-ID: <33F656C1.616F@cyberhighway.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Another one,

I have seen several projects that allow you to measure capacitors on a DVM. I'd like to measure 5-500PF somehow. Have you build or used something that maybe is a kit that will work with a DVM?

Thanks

--

```
-----  
|  Greg Newberry      newberry@cyberhighway.net  |  
|  WB7DUO QRP-L #760                               |  
|  NorCal #1899                                   |  
-----
```

Date: Sun, 17 Aug 1997 01:55:06 +0000
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
To: k6two@pacbell.net, qrp-l@Lehigh.EDU
Subject: [24993] Re: Silver Plating
Message-ID: <19970817015503.AAA1461@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Bill, have a look at DYNA ART DESIGNS IN LANCASTER, CA.

<http://www.dynaart.com>

They offer produces for short-run PC boards, too. =s=

.....

At 10:45 PM 8/16/97 +0000, you wrote:

>Help?!

>I want to silver plate some copper strips (22ga) I have a pure silver
>medallion, what chemicals do I use. I know that it requires 1 1/2 volts
>of DC via a solution of ????. Where do I get this solution of ?? Thanks
>Gang.. This is an excellent forum.

>Bill K6TWO

>

>
"Seab" Lyon -- AA1MY
Bethel, CT; USA FN-31-HJ
ARCI #9253; QRP-L # 574
NEQRP# 511; ARRL; QCWA;
C.A.R.A.

Date: Sat, 16 Aug 1997 21:22:57 -0500
From: Glen Reid <k5hgb@flash.net>
To: Bill Howell <bhowell@mail.utexas.edu>, Brad Bradfield
<QLF@mimi@magic.itg.ti.com>, Brian Milesosky <n5zgt@swcp.com>,
"Curtis C. Goodson" <curt@inetport.com>, "dsprague@bga.com"
<dsprague@bga.com>, "Eric B. Smith" <ebs@crystal.cirrus.com>,
Subject: [24994] CENTRAL TEXAS QRP GROUP MEETING
Message-ID: <33F66081.69E03D24@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

JUST A REMINDER

The first meeting of the

CENTRAL TEXAS QRP RADIO GROUP

will take place:

Saturday
September 6, 1997
10 AM

MOTOROLA OAK HILL PLANT
6501 William Cannon Drive West
AUSTIN

TOWN LAKE ROOM
Enter through the Main Entrance, ask security guard for directions to
Town Lake Room.)

Everyone Will Receive a Door Prize! - SPECIAL PRIZES!

Bring your projects for Show and Tell.

The MOTOROLA Oak Hill Plant is near the intersection of US 290 and TX

71.

For additional information contact:

G

LEN REID, K5HGB

512 263 9767 or Email k5hgb@flash.net

--

GLEN REID

K5HGB/M0BGF

Austin, Texas

...in the beautiful hill country of TEXAS...

Email: k5hgb@flash.net

Date: Sat, 16 Aug 1997 19:55:05 -0700

From: Lee <jcs4us@cosmoaccess.net>

To: qrp-1@Lehigh.EDU

Subject: [24995] FS:Tec 509

Message-ID: <1.5.4.32.19970817025505.009617a4@cosmoaccess.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hello there,

I have for sale a Ten Tec 509 Argonaut, new dial cord, Ten Tec Mic with
base stand,

12-v power supply, manual... Plays and looks good... \$250.00 plus
shipping...72, Lee

- 38-Special Ten Tec 509 NorCal Sierra MFJ-9406 Kenwood TS-130V

You can meet me and forget me and you have lost nothing....

But if you meet Jesus and forget Him you have lost everything...

Date: Sat, 16 Aug 1997 20:01:42 -0700
From: Lee <jcs4us@cosmoaccess.net>
To: tentec@contesting.com
Cc: qrp-l@Lehigh.EDU
Subject: [24996] FS: Ten TEC 208A
Message-ID: <1.5.4.32.19970817030142.00964e7c@cosmoaccess.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello Ya'All,

I have for sale a Ten Tec 208A needs work \$35.00.. 72, Lee

- 38-Special Ten Tec 509 NorCal Sierra MFJ-9406 Kenwood TS-130V

You can meet me and forget me and you have lost nothing....
But if you meet Jesus and forget Him you have lost everything...

Date: Sun, 17 Aug 1997 01:23:19 -0400
From: Scott Bauer <ke3nv@erols.com>
To: qrp-l@Lehigh.EDU
Subject: [24997] W3DZZ Antenna?????
Message-ID: <199708170523.BAA11036@smtp3>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello Group,

I am the QSL manager for TI5NW. As I am going through a new batch of cards from the bureau, I have noticed that many of the European stations are using an antenna called the " W3DZZ ". Anyone heard of this antenna before? I have never worked anyone State side that is using one.

72&73 de Scott Bauer W3CV, Odenton, MD. grid FM19. Formerly KE3NV

" You may be on the right track, but will get run over if you just sit there".... Will Rodgers

visit my web page at <http://www.erols.com/ke3nv/>
QRP-L 728

Date: Sat, 16 Aug 1997 22:22:29 -0700
From: Bill Todd <bill@techline.com>
To: vole@primenet.com
Cc: qrp-1@Lehigh.EDU
Subject: [24998] Re: BUBBA Sprint Prize List!
Message-ID: <1.5.4.32.19970817052229.006e07fc@mail.techline.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 12:46 PM 8/16/97 -0700, you wrote:

>----- BUBBA Prize Announcement -----
>
>Howdy Folks,
>
>So you're sitting back, contemplating deep issues in your life.
>
>"Is my career going where I wanted it to?"
>"How will I pay for my retirement?"
>"Do I want to be a BUBBA?"

Joe, please add to the list;
"Can someone remove the three sparkplugs near
the firewall of my 1985 Buick Century Station Wagon?"

I'll be there for the contest Bubba!

CUL, Bill-N7MFB

Date: Sat, 16 Aug 1997 22:36:08 -0700
From: Lee <jcs4us@cosmoaccess.net>
To: qrp-1@Lehigh.EDU
Subject: [24999] FS:Norcal 38-S unbuilt
Message-ID: <1.5.4.32.19970817053608.00978654@cosmoaccess.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hello All, I have a Norcal 38-Special brand new unbuilt.. Still in the sealed plastic... \$25.00 72, Lee

- 38-Special Ten Tec 509 NorCal Sierra MFJ-9406 Kenwood TS-130V

You can meet me and forget me and you have lost nothing....
But if you meet Jesus and forget Him you have lost everything...

Date: Sat, 16 Aug 1997 23:42:40 -0600
From: Greg Newberry <newberry@cyberhighway.net>
To: QRP-L Group <qrp-l@Lehigh.EDU>
Subject: [25000] 38 special TiCK mods
Message-ID: <33F68F50.20B0@cyberhighway.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Oh Boy!!

I'm building the 38s an am looking at the mods in the QRPP spring 97 and I'm confused!! The TiCK keyer Mod by WB8YGG is printed but I don't get it! In the QRPP listing it says that "c32 is connected to R19 directly, and that junction will have to be cut. Once cut, you need to connect C32 to the R19, C34 junction via a NEW 4.7K resistor."

There is already a 4.7K res. there.... I'm really missing something on this mod. The write up in the QRPP doesn't make sence.. any one want to explain the new TiCK mod to me...

Thanks a bunch...

--

| Greg Newberry newberry@cyberhighway.net |
| WB7DUO QRP-L #760 |
NorCal #1899

An apparently unused copy of "Solid State Design for the Radio Amateur" First Edition (1977) by Hayward and DeMaw surfaced at a local bookseller. I grabbed it and will send it priority mail for \$15, that being the \$12 ARRL got for the 2d Ed when it was in print plus the postage.

73 de ab51l, michael in dallas, hiding the book from the cat
MNHopkins@AOL.com

On Sat, 16 Aug 1997, Joe Gervais wrote:

> -----

Hey, I'll be in this one for sure. Unlike the FYB____0 contest, I have a terrific advantage here. That is, if you're figuring in the humidity as part of the "Heat Index" rating. For the next few weeks, we'll still be running mid 90's for both heat and humidity! If humidity doesn't count, I'll probably have to bow down to the AZ and TX guys... Anyway, sounds like fun!

0000 - () - 000

E-Mail: n4bp@shadow.net
Web Page: <http://www.shadow.net/~n4bp/n4bp.htm>
Brass Pounder BBS: (954) 472-7715

Date: Sun, 17 Aug 1997 07:55:53 -0500
From: TonyDrumm@ibm.net (Tony Drumm)
To: qrp-l@Lehigh.EDU
Subject: [25003] QRP Afield - theme?
Message-ID: <199708171252.MAA35364@out1.ibm.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Has a theme been announced for this year's QRP Afield? Only a month or so to get ready!

72.
Tony Drumm
ARS AA0SM - Rochester, MN

Date: Sun, 17 Aug 1997 08:53:29 -0400 (EDT)
From: NT1R@aol.com
To: qrp-l@Lehigh.EDU
Subject: [25004] FS The HW-8 Handbook
Message-ID: <970817085328_430766173@emout08.mail.aol.com>

Hello List, I have a like new 1991 edition of the Mike Bryce handbook for sale for \$7. mailed to the USA. Bill, NT1R

Date: Sun, 17 Aug 97 08:01:20 MDT
From: af852@rgfn.epcc.Edu (William R Colbert)
To: qrp-l@Lehigh.EDU
Subject: [25005] [v31xe@dzdn.com: w3dzz]
Message-ID: <9708171401.AA18765@rgfn.epcc.Edu>

===== Begin forwarded message =====

From: v31xe@dzn.com ("William R. Colbert")
To: ke3nv@erols.com
Subject: w3dzz
Date: Sun, 17 Aug

The w3dzz was first written up in the 50's in QST, then in the mid 50's ARRL handbooks, etc. The first was a multiband trap dipole, with one set of traps, then the triband trap beam - most non-US stations refer to their trapped antennas as W3DZZ rather than brandname such as Hygain, etc. I can dig thru my stuff and see if I can locate more detail if you don't get additional replies - just drop me a note.

73 Ray

--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"

Ray Colbert, W5XE,
00TC 3618, SOWP 1064M
(also af852@rgfn.epcc.edu)
El Paso, Texas

--

Ray Colbert, W5XE
00TC 3618, SOWP 1064M
El Paso, Tx (Far West Texas)
(also: v31xe@dzn.com)

Date: Sun, 17 Aug 1997 10:15:11 -0400 (EDT)
From: NilsBull@aol.com
To: QRP-L@Lehigh.EDU
Subject: [25006] Re: CW Procedures: Listen for what NOT to do.
Message-ID: <970817101511_-17356735@emout01.mail.aol.com>

In a message dated 97-08-15 19:08:40 EDT, Ed L said: "This is a real QS0. It demonstrates what can happen if you don't treat the person as if he/she were in the same room."

Ok, I confess. I was using fountain-of-youth drugs once and got on the Novice section of 40m. I called CQ at something that sounded pretty relaxed and a youngster (as I learned later) came back and started a QSO with me. Now you have to understand (he said, beginning a long-winded ratiocination) that I was using the keyer & paddles bit and maybe I got carried away. . . whatever.

The other guy came back after my long-winded crap with "pse QRS I didn't get any of that." At which point I slapped myself with the big foam finger thing that I have when I have my "every crumb for himself" mode jerked out from under me and apologized for being such a dolt. "His hair stands up and crackles . . ."

Nice QSO after that. Ed's right: don't try this at home. It ain't worth the embarrassment.

73
Nils
WB8IJN &c

. . . "My troubles all started when they decided I was executive timber."

William S. Burroughs

1914-1997

Date: Sun, 17 Aug 1997 07:20:00 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: qrp-1@Lehigh.EDU, azqrp@user1.dancris.com
Subject: [25007] RE: FS
Message-ID: <199708171420.HAA00931@dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>
>I've got some stuff to sell to make room for another project:

>
>1. NorCal 40 partial kit (board, case, varactor).....SOLD
>

73,
Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP
ARCI #8918, AK QRP #30, not in any order of importance.

<http://www.dancris.com/~ki7mn>
WIMPS: QSO's=18 30=18 17=0 12=0 States=15/0/0 DX=0/0/0 QSL's=5

Date: Sun, 17 Aug 1997 08:27:10 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: n4bp@shadow.net (Bob Patten)
Cc: qrp-l@Lehigh.EDU
Subject: [25008] Re: BUBBA Sprint Prize List!
Message-ID: <199708171527.IAA15592@usr09.primenet.com>
Content-Type: text

Howdy Bob (and Folks),

Bob (N4BP) wrote:

>
> Hey, I'll be in this one for sure. Unlike the FYB____0 contest, I have a
> terrific advantage here. That is, if you're figuring in the humidity as
> part of the "Heat Index" rating.

Yep, the official Heat Index uses relative humidity and air temperature
to calculate the "effective heat" for us bipedal mammals. But remember
that ONLY OUTDOOR BUBBAs get to use the Heat Index. Indoor BUBBAs will
use their straight operating temp.

Note that we said "Outdoor BUBBAs", not "Field BUBBAs". We're concerned
about safety here, since many people drastically underestimate the dangers
of high heat exposure. If you can make it to the field, great! Lots of
beautiful wx out there - enjoy the sun! But you can also operate from your
backyard if you prefer (or the neighbor's weekend BBQ), close to the safety
of home. You still need to be careful of course. Know your limits!

For the curious, I've dug up some web pages of interest. Actually the
first web page <<http://usatoday.com/weather/wheat3.htm>> is REQUIRED

BUBBA READING. Well, that and TV Guide. :-) I've appended them to the end of this message (straight ASCII text, no MIME weirdness).

> Anyway, sounds like fun!

Sure hope so! Happy browsing and hope to hear the airwaves chock full o' BUBBAs on Aug 31st!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It's HOT! Africa hot! Tarzan couldn't take this kinda hot!" -Biloxi Blues

Heat Index and Related Websites:

<<http://usatoday.com/weather/wheat3.htm>>

Excellent color Heat Index chart and safety info. REQUIRED
READING FOR ALL BUBBAs! (Or anyone who works/plays outdoors!)

<<http://www.weathertracker.com/>>

More info than you ever wanted to know about wx, temp, humidity factors.

<http://taiga.geog.niu.edu/nwslot/hiwc.html>

Shows the formula used to generate the Heat Index charts.

<http://nwselp.epcc.edu/elp/wxcalc.html>

Online Calculators for many aspects of WX.

<http://www.educ.msu.edu/units/Dept/PEES/ysi/spotlight96/heat.html>

Good info on exercising in the heat.

<http://www.weathertracker.com/>

Macintosh Internet app that interfaces 'live' to various wx servers.

http://cirrus.sprl.umich.edu/javaweather/IIFs/us_hi.html

Java Applet for interactive US wx info.

Date: Sun, 17 Aug 1997 12:19:10 EDT
From: terres@juno.com (ANNE E TERRES)
To: qrp-1@Lehigh.EDU
Subject: [25009] southbend sd-20

Message-ID: <19970817.110808.14247.2.Terres@juno.com>

1)Any body know where to mail order/phone order a southbend sd-20 rod for a SL vertical? local shops dont have it. also, about how much do they cost? tnx

2) bought a radio shack recahrgeable 9 volt. says "9v" on it but on the baack "Note: a fully charged 9-volt nicad wil measure 7.2 volts"

72 de AA10F

Date: Sun, 17 Aug 1997 12:38:05 EDT
From: n4so@juno.com (charles k brown)
To: qrp-l@Lehigh.EDU
Subject: [25010] Information Search Methods
Message-ID: <19970816.233610.4391.12.n4so@juno.com>

For a text file on various ways to search for general ham radio information ask for a file called search.txt.
from: n4so@juno.com

Do not quote or repeat this sent message.

Ken Brown, N4SO
QTH nr Mobile, AL/ EM50tk
qrp-l #622
n4so@juno.com

Date: Sun, 17 Aug 1997 12:42:08 -0400
From: pthomson@bruderhof.com
To: qrp-l@Lehigh.EDU ("Low Power Amateur Radio Discussion")
Subject: [25011] RE: southbend sd-20
Message-ID: <BA5CF6338100001F5CAB@mail.bruderhof.com>
MIME-Version: 1.0
Content-type: text/plain; charset="ISO-8859"
Content-disposition: inline
Content-transfer-encoding: 7bit

terres@juno.com wrote:

> 2) bought a radio shack recahrgeable 9 volt. says "9v" on it but on the
> baack "Note: a fully charged 9-volt nicad wil measure 7.2 volts"

It is possible to buy 7-cell NiCd "9-volt" batteries that put out 8.4v .

I'm not sure who makes them but I've seen them.

73 de KA2QPG,
Pierre Thomson

Date: Sun, 17 Aug 1997 12:58:40 EDT
From: n1tgz@juno.com (Gregory P Fox)
To: qrp-l@Lehigh.EDU
Subject: [25012] Ten Tec-T KITS
Message-ID: <19970817.125749.4671.1.n1tgz@juno.com>

Hi Gang,, Anyone build any of those new QRP kits that TEN TEC makes??They look nice, and the price is not bad fer all that u get, case and spkr, but do they work! Appreciate gud and bad comments .. TNX

72 Greg N1TGZ QRP#8444 NEQRP#322

Date: Sun, 17 Aug 1997 13:18:01 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [25013] Re: BUBBA Sprint Prize List!
Message-ID: <Pine.LNX.3.93.970817131135.657A-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 16 Aug 1997, Joe Gervais wrote:

> - Outdoor BUBBA with the highest Heat Index rating will win a

Can we have it today? Wash. DC is supposed to hit 100 F with humuggity of 50% +, (heat index 110). By the end of the month I'll have to operate from the bathroom with the shower going and a heater on "roast" :)

Hey, is there a "bubby prize" for most weight lost while operating?

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV QRP WAS 17/9 (w/c) | ccart@erols.com --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? | http://dns.vidtel.com/~ccart --
-- WIMPS Q's=04 30M=04 17M=00 12M=00 STATES=03/00/00 DX=00/00/00 QSL's=00 --

Date: Sun, 17 Aug 1997 13:17:08 EDT
From: n4so@juno.com (charles k brown)
To: qrp-1@Lehigh.EDU
Subject: [25014] Voltage Booster from QST
Message-ID: <19970817.001523.4391.15.n4so@juno.com>

Boost a voltage up by running it thru an LM2587 circuit.
For example four D-size Nicd batteries fed to the input
will get you 14 volts. Adjustable up to 17 volts with the
supplied component values. A circuit board and parts is said to be
available. Sam Ulbing, 5200 NW 43rd St. Suite 102-177, Gainesville, FL
32606. 23 bucks. Max current draw is about 2.5 to 3 amps.
The circuit requires about 7 capacitors, a few resistors and a couple of
inductors and the LM2387 switching regulator.
Ulbing, Sam, N4UAU, " My All-Purpose Voltage Booster", QST, July, 1997
page 40-43.

Ken Brown, N4SO
QTH nr Mobile, AL/ EM50tk
qrp-1 #622
n4so@juno.com

Date: Sun, 17 Aug 1997 12:37:43 -0500
From: jim hale <kj5tf@mctc.com>
To: qrp-1@Lehigh.EDU
Subject: [25015] Arkansas QRP Club Free membership and email newsletter
Message-ID: <33F736E7.2422@mctc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to everyone who responded to my posting last weekend. The AR QRP
roster went from 62 to 126 in a few days. Standby for a email with your
membership # and welcome letter.
All of you have recieved the email newsletter by now. Subjects are; AR
QRP Update, Welcome new members, Overheard, Builders corner, Dayton,
Antenna news, 1st 6 Meter contact, Experiences of KB7AQD, FM QRP,
Thoughts for the future, Membership profile on W4ED, Parting thoughts,
and Membership roster with packet/email addresses.

Lucky members who drew the coveted #72 and 73 are, Mac KR0I, and Doc K0EVZ.

Arkansas QRP club now has DX members in V31, VE, AL7 and G land !

If you would like to join (free) AR QRP just send me email and stand by for your summer newsletter! tnx 72/3'z de Jim AR QRP #2
kj5tf@mctc.com

Date: Sun, 17 Aug 1997 10:44:40 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: ccart@dns.vidtel.com
Cc: qrp-1@Lehigh.EDU
Subject: [25016] Re: BUBBA Sprint Prize List!
Message-ID: <199708171744.KAA18269@usr03.primenet.com>

Chris (N3XRV) wrote:

>
> > - Outdoor BUBBA with the highest Heat Index rating will win a
>
> Can we have it today? Wash. DC is supposed to hit 100 F with humuggity of
> 50% +, (heat index 110).

Check again - that's a heat index of 120. ACK! One great multi though!
Looks like you Gulf Coast states may have your work cut out for you. :)

> By the end of the month I'll have to operate from the bathroom with the
> shower going and a heater on "roast" :)

Hey, whatever it takes. :) Just take it all outside so the
humidity still counts. Maybe you could turn on the sprinklers
and set up on the BBQ....

> Hey, is there a "bubby prize" for most weight lost while operating?

Sure, but throwing your heavy rig off a cliff doesn't count. :)

Cheers de AB7TT/BUBBA,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"What kind of sycophant are you?!"

"What kind of sycophant do you want me to be?"
- 101 Dalmations (the Movie)

Date: Sun, 17 Aug 1997 13:45:24 EDT
From: n4so@juno.com (charles k brown)
To: qrp-l@Lehigh.EDU
Subject: [25017] Ten Tec 1340- 73 Amateur Radio
Message-ID: <19970817.004314.4391.17.n4so@juno.com>

73 Mag. reviews the Ten Tec 1340 monoband QRP transceiver. Info applies to the other monoband kits on 80, 30 and 20 meters. The article is on the 40 meter unit.
Bryce, Michael, WB8VGE, "Secrets of the 1340", 73 Amateur Radio Today, Sept. 1997 p. 41-42.

Ken Brown, N4SO
QTH nr Mobile, AL/ EM50tk
qrp-l #622
n4so@juno.com

Date: Sun, 17 Aug 1997 14:09:10 -0400 (EDT)
From: NT1R@aol.com
To: qrp-l@Lehigh.EDU
Subject: [25018] HW- 8 HANDBOOK SOLD
Message-ID: <970817140909_2013955662@emout04.mail.aol.com>

The book has been sold, Tnx fer the interest. Bill

Date: Sun, 17 Aug 1997 14:23:06 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [25019] "Real" 9-volt nicads
Message-ID: <Pine.LNX.3.93.970817141053.703A-1000000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 17 Aug 1997 pthomson@bruderhof.com wrote:

> terres@juno.com wrote:

>

> It is possible to buy 7-cell NiCd "9-volt" batteries that put out 8.4v .

> I'm not sure who makes them but I've seen them.

I don't know about 8.4's, but I've gotten Panasonic P-9SPA nicads that measure 9.2V when charged. They are rated at 120mAh and cost about \$9 for a two pack at Price Club. They also have the P-3SPA (AA 1.25V/650mAh) in eight packs for about \$1/cell. I got a bunch when they had 'em three months ago, no idea if they still do. In pricing them out this seems to be about the same a good alkalines, and you get to use them more than once. Price Club is the only place I've seen them so if someone has another source...

```
-- Chris Cartwright,   Technical Engineer   |       ccart@vidtel.com       --
-- N3XRV               QRP WAS 17/9 (w/c)   |       ccart@erols.com       --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #????? | http://dns.vidtel.com/~ccart --
-- WIMPS Q's=04 30M=04 17M=00 12M=00 STATES=03/00/00 DX=00/00/00 QSL's=00 --
```

Date: Sun, 17 Aug 1997 14:23:07 EDT

From: wa5whn@juno.com

To: qrp-l@Lehigh.EDU

Cc: w5bi@flash.net, vole@primenet.com

Subject: [25020] Az. scQRPion's Bubba (Aug. 31) & NE QRP AField (Sept. 20)

Message-ID: <19970817.122145.6695.2.wa5whn@juno.com>

qrp-lers,

Referring to AB7TT's notes, "Bubba"; normally a nickname given to someone, from the Southern USA geographical area. How many Canadians or Europeans do You actually know named "Bubba" ? OK, for this event, we are all Bubbas. Here is what the exchange may look like; RST 539 QTH NM Name here is Bubba, temp: 78 F (that's easy, just ditto the whole column). This will confuse the QRO ops. Well, since it is a 4 hour event, I think we will hike up to the Ponderosa Look out (grid square: DM65sf), on the west slope of the Sandia Mountains, east of Albuquerque, NM, provided, the wx cooperates. Elevation will be ~ 8,000 feet asl. This will be interesting, since we can hang, vertically, with a tennis ball at the end, a 40 meter dipole over the ledge. I hope that the rock climbers don't mistake it for a rope to grab on to. :-(

OK, smoked ham hocks & black eyed peas, plus chitlins & brown gravy, in a MRE. We will be on the west slope of the Sandia Mountains (Rocky Mountains), what a view to the west, towards Mt. Taylor (extinct volcano), and down south into Socorro & north into Los Alamos. I will

place some photos of this view, on the web page.

<http://members.aol.com/JayMiller/index.html>

As far as "QRP AField" , we will operate from the very same location that we were at, during the SES '97 (grid square: DM73ew). Certificates will be issued to those who are interested. But, we will not be in SES mode, just enjoying the event. Theme ? Hey, why not a wildcard, player's choice.

BTW, when we go hiking, we always carry cyalume lightsticks. The white ones glow for about 8 hours, the greens, blues, oranges & reds, for about 12+ hours. We purchase them out here for about \$1.25/each (US). Ever try to navigate, on the side of mountain, without one, in the dark, no moon ?

72...Bubba, WA5WHN Albuquerque, NM

DM65qd

Date: Sun, 17 Aug 1997 14:39:29 -0400 (EDT)
From: DavidE70@aol.com
To: terres@juno.com, qrp-1@Lehigh.EDU
Subject: [25021] re: southbend sd-20
Message-ID: <970817143928_-84456058@emout01.mail.aol.com>

This is info from <http://www.fix.net/~jparker/slv.html> (on the Norcal web site):

"Cabela's Outfitters' (spring/summer) catalog lists the 20 foot telescoping "black widow" rod for \$20.48. Item number is (or was in that catalog) AG-11-00503. Cabela's number is 1-800-237-4444."

I used this info to purchase one in May, although the price was higher than listed above. My cost, including shipping, was \$28.24.

Dave KB0YSN

>1)Any body know where to mail order/phone order a southbend sd-20 rod for
>a SL vertical? local shops dont have it. also, about how much do they
>cost? tnz
>2) bought a radio shack recahrgeable 9 volt. says "9v" on it but on the
>baack "Note: a fully charged 9-volt nicad wil measure 7.2 volts"
>72 de AA10F

Date: Sun, 17 Aug 97 15:27:40 EDT
From: Joel Malman <malman@BBN.COM>
To: qrp-1@Lehigh.EDU
Cc: malman@BBN.COM
Subject: [25022] WTB: Wilderness SST 40m xcvr
Message-ID: <199708171927.PAA33060@nss2.CC.Lehigh.EDU>

Group,

WTB: WILDERNESS version of the SST for 40 meters (not the Novice version). Must be complete, built (with case, as shipped by Wilderness) and fully functional. Please state price and ship charges required. (Will the UPS strike ever end?)

EEmail to: malman@bbn.com
Voice Mail: 617-873-3299

/joel walqvm (malman@bbn.com ... Concord, Ma.)

Date: Sun, 17 Aug 1997 14:16:39
From: Steven Weber <kd1jv@moose.ncia.net>
To: newberry@cyberhighway.net
Cc: qrp-1@Lehigh.EDU
Subject: [25023] Re: Making PC Boards (really long)
Message-ID: <3.0.1.16.19970817141639.1ac73f9c@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:38 PM 8/16/97 -0600, you wrote:

>Hi,

>There are several little items I want to make and the pc layout is in a
>magazine. I know there are ways to photocopy onto a clear sheet and iron
>on then etch. Can you tell me the best methods to use to do this?

Hi Greg,

Making pc boards is an art and takes some practice. Also takes a few pages to give all the details. But, will try and give a short disertation here.

For copy machines, the TEC 200 film works pretty well. You can get this mail order. One place that sells it advertises in *73* almost every month. Another film is PnP Blue. This film has a blue coating for the toner to stick to and I've had better luck with this stuff. It is also the best stuff to use if you can print directly to the film with a laser printer. All Electronics sells PnP Blue.

Most pc artworks are printed "bottom" view. To use toner transfer, you need to reverse the layout first. You can use a one of the TEC200 films, or a less expensive transparency film from the office supply place.

First make a copy of the layout on the transparency film. Now flip it over and make another copy on the TEC 200 film. (BTW, I've tried just using the transparency film, and it does, sorta work) When making the copies, set the darkness to the highest level that does not smear the toner. Make a few normal copies on paper first, as you adjust the darkness level, for clearest, but darkest print.

BTW, it is also possible to transfer the layout from a plain piece of paper. This involves an extra step, as you need to soak the board and paper for an over night to remove the paper.

Now comes the hard part.

First clean the board really well. Scub it down with "Scotch Bright" (tm) scouring pad. This seems to work better than plain steel wool. Then clean the board with isopropyl alcohol. This removes the microscopic copper grit made during the board scouring.

You need an clothes iron for the next step. Setting the proper temperature is important for good results. I use an oven thermometer placed on the bottom of the iron to measure the temperature. 250-275 degrees is optimum. (I use one of those hanging thermometers from the super market with the hanger and base sniped off. Place it flat on the iron surface)

Now place the toner side of the film over the board. It can also help to place a piece of paper between the film and iron. Now put the iron over the paper/film. Press down hard. Use circular motions to cover the whole area. Do this for a minute or two. You can remove the paper after a few passes. It can be hard to tell when you have a good transfer. You can sort of tell by the look of the toner.

Be sure to get enough heat on the edges of the board.

Try not to use too much heat or for too long. If you over heat the board, the toner will run and you run the risk of delamination after you etch the board and drill the holes. Boards made this way are generally not too happy about a lot of rework. Change a part more than once and the pads start to

lift off the board.

I then do one more step. While the film and board are still hot, I rub the film down with a blunt rubbing tool. this can be the rounded end of a wooden dowel. This helps ensure a good transfer of the toner to copper.

Now let the board and film cool down to room temp. Carefully lift one edge of the film and slowly peel it up from the copper. With any luck, most of the toner will stick to the copper. Inevitably, some will lift off with the film, especially if there are any large ground plane areas. Have a red laundry marker handy to touch up these areas. You may also have to scrape a little toner off between tracks, if the toner ran too much. (sign of too much heat)

If very little toner stuck, either you did not use enough heat or the board was not clean enough.

Etching the board.

Use a plastic or glass tray for etching!!!!!!!!!!!!!!

I know one fella who etches in a plastic zip lock bag.

Ferric Chloride does not like aluminum. It will eat away at the aluminum in seconds and you will have one heck of a mess to clean up. Easier to move to a new house or apartment :-) It also stains everything and anything it comes in contact with, so be careful.

If possible heat up the etching solution to 100-120 degrees. In the summer, i put the bottle on my car dash board for a little while. This warms it up nicely.

If you are making a double sided board, clear shipping tape over the side you don't want to etch works well.

Place the board face down in the etching solution. Try to make it "float" on the top of the solution. Depending on temp and other factors, it will take 10 - 30 minutes to etch. Gently aggitate the solution from time to time.

Once done, rinse the board well in clean water. Clean off the toner with lauquer thinner.

Drill the holes, (a small drill press is very nice to use. I have one from Dremel (tm) that works nice. Cheap high speed drill bits will last about one or two boards, depending on the number of holes. I found the slowest possible speed will make the bit last longer. If the speed is too fast, you will dull the tip on the first hole. Carbide bits last a lot longer, if you don't brake them. These are very brittle and take some practice. In the case of carbide bits, don't drill into a block of wood. Make a hole in the base plate of the drill press, if there is not already one there, and drill

into this hole.

Trim up the board edges and your all set.

I know all this sounds like a lot of work, but once you do it a few times it is pretty easy. It does take a fair amount of practice and don't worry if your first few tries come out bad. You'll get the hang of it!

73,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Sun, 17 Aug 1997 15:54:16 -0400 (EDT)
From: K5BDZ@aol.com
To: ke3nv@erols.com, qrp-1@Lehigh.EDU
Subject: [25024] Re: W3DZZ Antenna?????
Message-ID: <970817155406_263326233@emout10.mail.aol.com>

>From memory, I recall that W3DZZ was the "originator" of the trapped multiband antennas, beams, and verticals. Circa 1956 or so. Many of the late 1950's ARRL handbooks and antenna books had his designs. Not aware of any mfrs today that make a "W3DZZ" named antenna. Maybe someone else will update us.
Bill, K5BDZ

Date: Sun, 17 Aug 1997 15:59:26 -0400 (EDT)
From: K5BDZ@aol.com
To: MNHopkins@aol.com, qrp-1@Lehigh.EDU
Subject: [25025] Re: "the Milliwatt"copies FS
Message-ID: <970817155923_-2004829660@emout15.mail.aol.com>

Master Hopkins

Have some (25 to be exact) copies of "the milliwatt:QRPP for sale or trade. Start in 1970 and go thru June 1975. Don't think it is continuous, but if interested I can check.

Bill, K5BDZ
k5bdz@aol.com .713.772.6739

Date: Sun, 17 Aug 1997 16:07:15 -0400 (EDT)
From: K5BDZ@aol.com
To: qrp-1@Lehigh.EDU
Subject: [25026] Re: FS TenTec items
Message-ID: <970817160713_1217620904@emout09.mail.aol.com>

For Sale: TenTec itms as follows in excellent to mint condition:
Century 21 (analog) Model 570 \$200

Date: Sun, 17 Aug 1997 16:11:26 -0400 (EDT)
From: K5BDZ@aol.com
To: qrp-1@Lehigh.EDU
Subject: [25027] Re: FS Tentec list
Message-ID: <970817161126_957037737@emout10.mail.aol.com>

TenTec items excellent to mint condition For Sale
Century 21 model 570 (analog) \$200
Matching model 277 antenna tuner \$80
Matching model 670 keyer w/built-in paddle - non iambic \$40
Have many other items that I must unpack and list. Do you have wants?

All items plus shipping.
Bill, K5BDZ
k5bdz@aol.com or telephone 713.772.6739 or FAX 713.772-4131

Date: Mon, 18 Aug 1997 05:50:54 +0930
From: David Giles <vk5anb@dove.net.au>
To: qrp-1@Lehigh.EDU
Subject: [25028] Baby,Internet,P3D,& 73
Message-ID: <33F75CE0.4FD16E70@dove.net.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello all,
I would like to say before I go QRT (for a while) that I have enjoyed

being part of this list. My second daughter was born a few weeks ago and so my hobby time has been cut short.

When I first got on the Net a year ago, I thought it would be the end of amateur radio for me; like so many others. However I consider it due solely to this list for giving me the inspiration, encouragement, whatever it was that has me now hooked again.

Just a passing thought - imagine having a 90,000km round trip at QRP levels (what else?). That WILL be possible using with the phase3D oscar satellite, transmitting on 1269MHz, Rx on 2400MHz, and with a modest antenna setup. Half the world in your reach for over 12 hours a day and no propagation worries. Sounds good to me too.

73 de David VK5ANB

Date: Sun, 17 Aug 1997 15:20:28 -0700 (MST)
From: ruswhite@netzone.com (Russell W. White)
To: qrp-1@Lehigh.EDU
Subject: [25029] Re: Cap Meter
Message-ID: <199708172220.PAA17759@nz1.netzone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greg Newberry wrote:

>I have seen several projects that allow you to measure capacitors on a
>DVM. I'd like to measure 5-500PF somehow. Have you build or used
>something that maybe is a kit that will work with a DVM?

I ran across these two items at the Ft.Tuthill Hamfest at Flagstaff Arizona (has anyone mentioned that this was REAL FB for us QRP'ers). I just recently received a Tech America catalog- July '97- and both of these items were in it, so here they are for your entertainment and perusal.

page 261 Rainbow Kits

Capacitance Meter

- Turns Your Digital Volt Meter into a Capacitance Meter
- Wth this kit, you measure capacitors from 2.2pf to 2.2 uf. Transform your junk box of unmarked capacitors into a small fortune of usable parts. Requires 9v battery. (includes: instruction manual. Size:1.8 x 2" (WDS).)

990-0043.....ea 12.95

Inductance Meter

- Makes Your Digital Volt Meter an Inductance Meter

-With this kit, you can use your digital volt ohmmeter to read inductors from 3uH to 7MH. Requires 9v battery. (Includes: instruction manual. Size 1.75 x 2.5" (WD).)

990-0057.....ea 14.95

Inductance Meter Cabinet. (Size: 6 x 4.25 x 1.6" (HWD).)

990-0058.....ea 8.95

Phone 1-800-877-0072 FAX 1-800-813-0087

What you see here is all I know about these items.

Russ

Russ White AB7JX	QRP-ARCI	NORCAL	NEQRP
Phoenix AZ	QRP-L#179	AZ	ScQRPion

<http://www.netzone.com/~ruswhite>

"Government is not reason. Government is not eloquence. It is force. And, like fire, it is a dangerous servant and a fearful master."
---George Washington

Date: Sun, 17 Aug 1997 18:38:29 EDT
From: wb2vuo@juno.com (William K Hibbert)
To: ke3nv@erols.com, qrp-1@Lehigh.EDU
Subject: [25030] Re: W3DZZ Antenna?????
Message-ID: <19970817.183817.2063.0.wb2vuo@juno.com>

W3DZZ designed (and published) the first 5-band trap dipole. The Handbook design, with a 40 Meter trap, and a lenght inside the traps of 66 feet is the W3DZZ design. The Unidilla/Reyco trap dipoles are a commercial design based on the W3DZZ Trap Dipole...

Our brethern and sistern in the Amateur community are far more generous in crediting the originator of a great idea that the majority here in the States. The G5RV is probably an exception to this rule, but it's getting harder to find a New-bee that really knows why a "G5RV" is called a G5RV...

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, 100% QRP
Tech Specialist (ARRL/WNY), ARRL Life Member,
Trustee, NQ2RP/B 10 Mtr QRP Beacon (QRP @ 28.287 MHz)
"In the Depths of the Great Bergen (NY) Swamp...FN13ac"
Packet - wb2vuo@w2im.#wny.ny.usa.noam *** Email - wb2vuo@juno.com
SnailMail - CBA *** Phone - 716.494.1239

"My Night Light runs more power than my Rig!!!"

Date: 17 Aug 97 18:41:26 EDT
From: "Rick McNelly, KE4IZH" <72507.235@CompuServe.COM>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [25031] Roanoke QRP Forum
Message-ID: <970817224126_72507.235_EHM37-1@CompuServe.COM>

Hi gang!

Just wanted to tell everyone how much I enjoyed the QRP forum at the Roanoke ValleyFest this Saturday. The Knightlites did a great job putting this together and the lure of the QRP forum got me to drive out from Chesapeake, VA to check it out.

Rob Capon's (W3DX (ex WA3ULH)) told us of his kitbuilding adventures :-)
and used a digital camera connected to a TV to show pictures of his rigs (plus a few vacation picts ? ;-).

Todd Nichols (KB0HQU) told us all about surface mount basics. He had samples and even did a small example of soldering surface mount components with a med tip soldering iron and a unique thingamajig for holding the parts in place.

Bob Kellogg (AE4IC) had to cut his presentation a little short due to time restraints but did a quick review of his research into tuner losses and how he measures them.

Paul Stroud (AA4XX) had to move the~ Portsmouth Island QRPedition Video back out on the Hamfest floor next to the excellent display of QRP rigs. There was a Wilderness Sierra, SST, 38 special, 49er (or however you spell it ;-), a couple of QRP ant tuners, and I don't remember what else. It was fun seeing and handling the small rigs and I was impressed with the work done on the enclosures.

I want to thank Bob and Paul for taking the time to talk with me. Bob was very patient listening to my poorly communicated ideas abt using the KC2 pwr meter to fine tune my AT-11 settings for a slightly better match. I was very

excited abt meeting these guys and have followed Bob's posts on QRP-L for quite awhile. My XYL was waiting and I didn't get to hear the rest of Paul's description of static discharges using kite antennas :-) but it was enough for me to know I don't want to touch them ;-)

Thanks again guys for putting on a great QRP forum! It was fun and well worth the trip.

72/73's,

--Rick, KE4IZH

Chesapeake, VA.

End of QRP-L Digest 821

